

Food and Agriculture Organization of the United Nations

INSOILFER Working Group Meetings

Introduction to the meeting: setting the scene

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27-29 November 2023







Goals:

- Adoption and implementation of sustainable ٠
- and balanced soil fertility management.
 Over 1 200 registered participants.
- Keynote speakers' presentations Ensure global food security through the
- Technical presentation introducing the sustainable use of fertilizers and promote soil network, outlining its objectives, and prioritizing activities.
- AThedreerding the then INSOU, FERislaun chanthe overuse agenda and the presentations are available on the website
- Reduction of the environmental and crops, animal and human health impacts of fertilizer unsustainable use and soil management practices.
- Evaluation and improvement of the safety and quality of fertilizers.
- Promotion of the soils for nutrition policy at national and global levels.







The Recommendations of the Global Symposium on Soils for Nutrition



Map and monitor soil nutrients and soil fertility and deepen the knowledge about the soil nutrient budget

Develop **innovative approaches** and alternative products to optimize soil nutrient content, **enhance fertilizer use efficiency**, and reduce externalities associated with soil fertility management

Assess the **quality and safety of all nutrient sources** applied to soils to avoid or reduce environmental contamination and health problems

The Recommendations of the Global Symposium on Soils for Nutrition

Begins Mere Food Begins Mosium on Soils for Multi 26-29 July 2022



Advocate for **the adoption of SSM practices** since it still represents the most cost-effective solution to increase soil nutrient content

Consider **driving forces** such as water availability, climate change, poverty and the fertilizer crisis and promote a "soils for nutrition" agenda



Advocate for the inclusion of soil fertility and soil health in **the legal framework** of countries in relation to the One health approach, linking human nutrition, environmental health, and soil health.



Launch the International Network Soil Fertility and Fertilizers (INSOILFER)

to address nutrient imbalances and promote the adoption of soils for nutrition concept for making soils healthy and fertile by 2030 as a contribution to the transformation of agrifood systems.



Why the network?

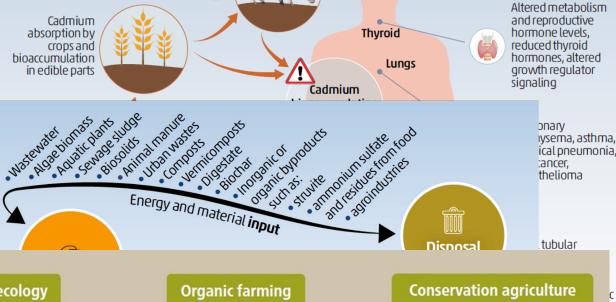
Fulfill the SDG's

The society demands safer and more nutritious food

Food production without externalities derived from unsustainable crop practices



Soil nutritic and crop health nazards



Agroecology

is a systems approach based on a variety of technologies, practices and innovations, including local and traditional knowledge and modern science.

Agroforestry

includes both traditional and modern land-use systems where trees are managed together with crops and/or animal production systems in agricultural settings.

is agricultural production without the use of synthetic chemicals or genetically modified organisms, growth regulators, and livestock feed additives.

Zero tillage

is a technique used in conservation agriculture to maintain a permanent or semi-permanent organic soil cover that protects the soil allowing soil microorganisms and fauna to take on the task of "tilling" and soil nutrient balancing.

follows three principles (minimal soil disturbance, permanent soil cover and crop rotations) to improve soil conditions, reduce land degradation and boost yields.

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Sustainable soil management could produce up to more food 10 10

Now...what is next?

Operability

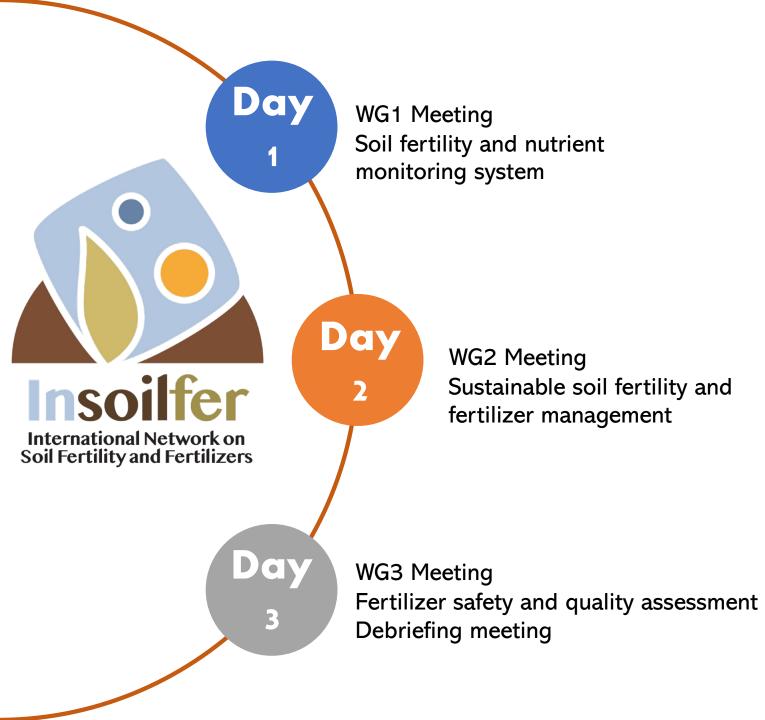
- First meeting of the working groups
- Website construction
- Collaboration with other networks

and institutions





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AGENDA

INSOILFER Working Group Meetings

27-29 November 2023

- Endorsement of goals and work plan
- Governance: Chair, 3 Vice-Chairs
- Technical Committees
- Reference institutions
- Potential collaborations and joint working groups





The membership of INSOILFER



INSOILFER registration survey

209 members registered 69 countries

Welcome to the INSOILFER registration survey!

INSOILFER is delighted to welcome new members. To become a member, we kindly request you to complete the registration form provided below.

If you have any questions or need assistance, please don't hesitate to contact us at <u>carolina.oliverasanchez@fao.org</u> and <u>vinisa.saynessantillan@fao.org</u>.

Thank you for your interest in joining INSOILFER!



GLOBAL SOIL PARTNERSHIP

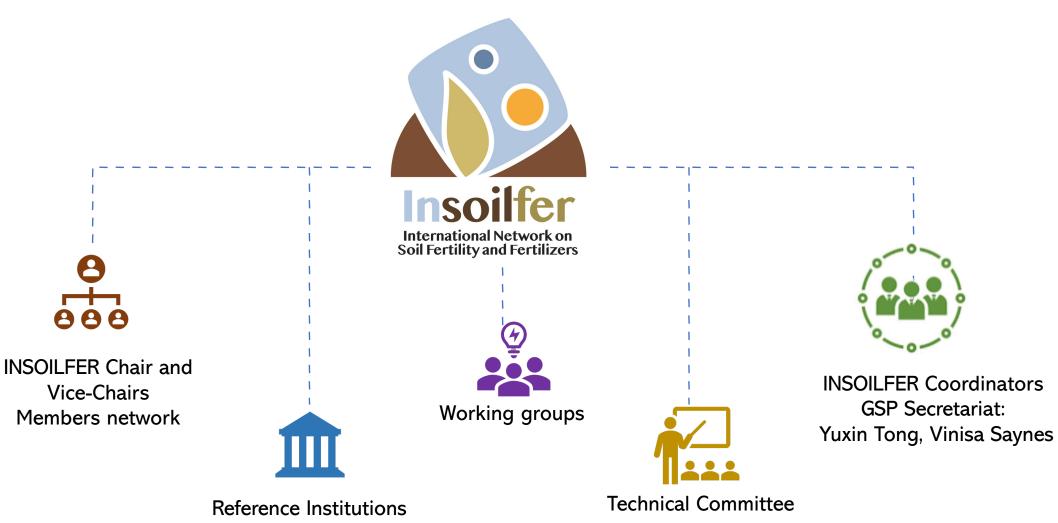
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The membership of INSOILFER

Soil Fertility and Fertilizers

Sector distribution **Regional balance** Government Farmer or Farmer's Organization Private sector 17,5% 35% 🔵 Asia Research Organization Europe and Asia Intergovernmental Organization 8.7% Latin America and the Caribbean Educational Organization 8,3% North Africa and Near East Civil Society Organization North America 8.3% 20,9% Non-Governmental Organization 20.4% Pacific 26,7% Sub-Saharan Africa Advisory/Consultancy 15% 9,2% Self-employed/independent professional/ freelancer/activist Student WG distribution Other (specify) 29% WG1 WG2 49% ■ WG3+INFA ^{22%} Jroup Meetings | 27-29 November 2023 INSON GLOBAL SOIL

INSOILFER structure





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Thank



